

TEST RESULTS

Fiat 500L

Fiat 500L 1.4 petrol 'Easy' 4x2, LHD

2012 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

ADULT OCCUPANT

Total 34 pts | 94%

FRONTAL IMPACT

15,6 pts



Driver



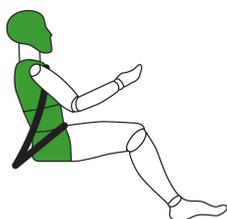
Passenger

SIDE IMPACT CAR

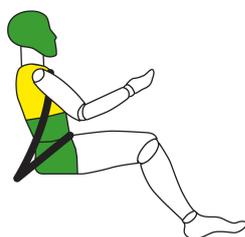
8 pts

SIDE IMPACT POLE

7,7 pts



Car



Pole

REAR IMPACT (WHIPLASH)

2,3 pts



FRONTAL IMPACT

HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

CHEST

Passenger compartment	stable
Windscreen Pillar rearward	1mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	none
Upward pedal movement	none

SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

WHIPLASH

Seat description	Standard cloth, 6 way manual
Head restraint type	Passive
Geometric assessment	0,9 pts

TESTS

- High severity	1,5 pts
- Medium severity	1,4 pts
- Low severity	1,6 pts

TEST RESULTS

CHILD OCCUPANT

Total 38 pts | 78%

18 MONTH OLD CHILD

Restraint Fair G0/1S
Group 0, 1
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE 11,9 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 pts

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load good

SIDE IMPACT

Head containment protected
Head acceleration good

3 YEAR OLD CHILD

Restraint Fair G0/1S
Group 0, 1
Facing rearward
Installation ISOFIX anchorages and support frame



PERFORMANCE 9,1 pts
INSTRUCTIONS 4 pts
INSTALLATION 2 pts

FRONTAL IMPACT

Head forward movement protected
Head acceleration good
Chest load fair

SIDE IMPACT

Head containment protected
Head acceleration good

VEHICLE BASED ASSESSMENT

5 pts

Airbag warning Label

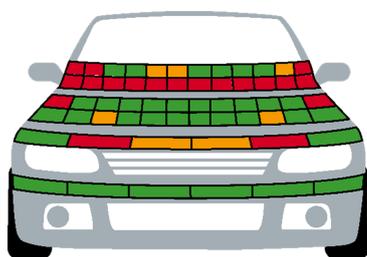
Text and pictogram on both sides of passenger sun visor

PEDESTRIAN

Total 23 pts | 65%

SAFETY ASSIST

Total 5 pts | 71%



GOOD
MARGINAL
POOR

HEAD 15 pts
PELVIS 2,5 pts
LEG 6 pts

SPEED LIMITATION ASSISTANCE

0 pts

Not assessed

ELECTRONIC STABILITY CONTROL (ESC)

3 pts

- ESC Pass
 Yaw rate ratio (1.00s) 2,68 %
 Yaw rate ratio (1.75s) 1,97 %
 Lateral displacement (1.07s) 2,97 m

SEATBELT REMINDER

2 pts

- driver Pass
 - passenger Pass
 - rear Not assessed

DETAILS OF TESTED CAR

SPECIFICATIONS

Tested model	Fiat 500L 1.4 petrol 'Easy' 4x2, LHD
Body type	5 door hatchback
Year of publication	2012
Kerb weight	1245kg
VIN from which rating applies	applies to all 500L's of the specification tested

SAFETY EQUIPMENT

Front seatbelt pretensioners	
Front seatbelt load limiters	
Driver frontal airbag	
Front passenger frontal airbag	
Side body airbags	Front seats
Side head airbags	Front and rear seats
Electronic Stability Control	
Seatbelt Reminder	driver and front passenger

COMMENTS

Adult occupant

The passenger compartment remained stable in the frontal impact. Protection of the passenger dummy was good for all body regions. Dummy readings indicated good protection of the knees and femurs of both the driver and passenger. FIAT showed that a similar level of protection would be provided to occupants of different sizes and to those sat in different positions. In the side barrier test, the 500L scored maximum points, with good protection of all body areas. Even in the more severe side pole test, protection of the chest was adequate while that of other body regions was good. The seat and head restraint provided marginal protection against whiplash injuries in the event of a rear-end impact.

Child occupant

Both the 3 year and 1½ year dummies were sat in rearward-facing restraints and, in the frontal impact, the heads of both dummies were well contained by the protective shells. The rearward-facing restraint of the 1½ year infant moved forward and damaged the seat back of the front passenger seat. However, this had no influence on dummy results and was not penalised. In the side impact, both dummies were properly contained within the protective shells of their restraints, minimising the likelihood of dangerous head contact with parts of the car interior. The passenger airbag can be disabled to allow a rearward-facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag is not sufficiently clear. The dangers of using a rearward-facing restraint without disabling the airbag were clearly explained on labels in the car.

Pedestrian

The bumper scored maximum points in Euro NCAP's tests, providing good protection to pedestrians' legs in all areas. In most areas likely to be struck by the head of a child, the bonnet provided good protection but provided predominantly poor protection in those areas likely to be struck by the head of an adult.

Safety assist

The 500L has electronic stability control as standard equipment and passed Euro NCAP's test requirements. A driver-set speed limitation device is standard equipment on some variants but not all, and the system was not assessed. Seatbelt reminders for the two front seats are fitted to all variants.